

Measuring devices

OEM

The FTC200 and FTC200-flow analyzers are also available as OEM versions.

- The FTC200-OEM is the OEM version of the FTC300
- The FTC200flow-OEM is the OEM version of the FTC300flow

The characteristics of the OEM devices are similar to corresponding analyzers, see *table 3*. Differences in the characteristics are given below:

- Dimensions WxHxD: 64x40x75mm³
- Weight: 350g
- No relays
- No output current
- Option for inflammable gases unavailable
- No protection class

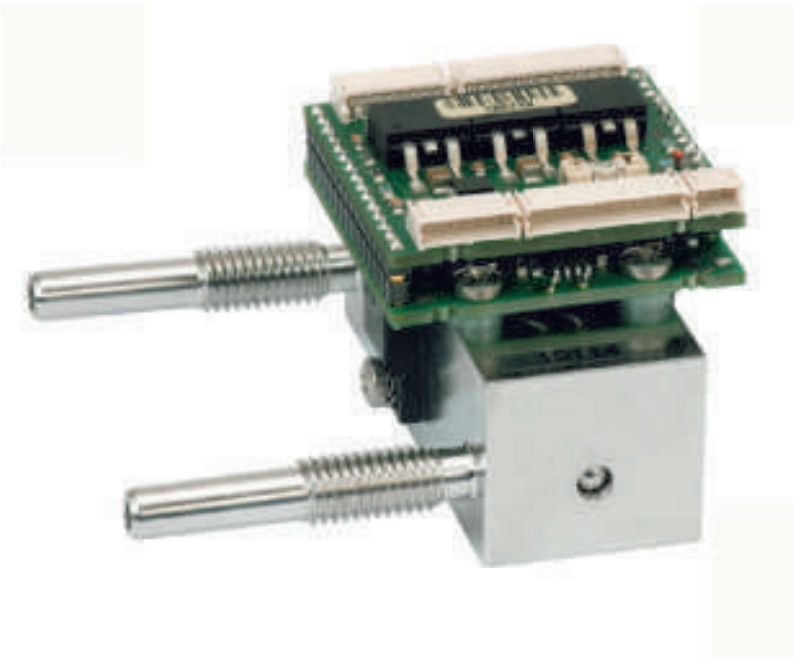
SetApp2.0

SetApp2.0 is a service program for the operation of all our devices. It can be download from our home-page for free.

SetApp2.0 offers:

- Logging of the concentration of the measurement component
- Calibration of the measurement component
- Fault and alarm management
- Upload and download of file with the device setting data for update and backup copy

In addition to the device settings, this file contains many measurement values and intermediate steps of the analysis. Values are often very helpful for us and allow on-site diagnostics for troubleshooting.



Measurement components and ranges

Measurement components and ranges for FTC400, FTC300, FTC160 and FTC130

Note: All measuring ranges are given in Vol.%

Measurement Component	Carrier Gas	Basic Range	Smallest Range	Smallest Range with suppressed Zero Point	Multi Gas Mode MGM
H ₂	N ₂ or air	0% - 100%	0% - 0.5%	98% - 100%	Yes
O ₂	N ₂	0% - 100%	0% - 15%	85% - 100%	Yes
He	N ₂ or air	0% - 100%	0% - 0.8%	97% - 100%	Yes
CO ₂	N ₂ or air	0% - 100%	0% - 3%	96% - 100%	Yes
N ₂	Ar	0% - 100%	0% - 3%	97% - 100%	Yes
O ₂	Ar	0% - 100%	0% - 2%	97% - 100%	Yes
H ₂	Ar	0% - 100%	0% - 0.4%	99% - 100%	Yes
He	Ar	0% - 100%	0% - 0.5%	98% - 100%	Yes
CO ₂	Ar	0% - 60%	0% - 10%	-	Yes
Ar	CO ₂	40% - 100%	-	80% - 100%	Yes
CH ₄	N ₂ or air	0% - 100%	0% - 2%	96% - 100%	Yes
CH ₄	Ar	0% - 100%	0% - 1.5%	97% - 100%	Yes
Ar	O ₂	0% - 100%	0% - 3%	96% - 100%	Yes
N ₂	H ₂	0% - 100%	0% - 2%	99.5% - 100%	Yes
O ₂	CO ₂	0% - 100%	0% - 3%	96% - 100%	Yes
H ₂	He	20% - 100%	20% - 40%	85% - 100%	
H ₂	CH ₄	0% - 100%	0% - 0.5%	98% - 100%	
H ₂	CO ₂	0% - 100%	0% - 0.5%	98% - 100%	
SF ₆	N ₂ or air	0% - 100%	0% - 2%	96% - 100%	
NO ₂	N ₂ or air	0% - 100%	0% - 5%	96% - 100%	
H ₂	O ₂	0% - 100%	0% - 4%	97% - 100%	
Ar	Xe	0% - 100%	0% - 3%	99% - 100%	
Ne	Ar	0% - 100%	0% - 1.5%	99% - 100%	
Kr	Ar	0% - 100%	0% - 2%	96% - 100%	
R125	N ₂ or air	0% - 100%	0% - 4%	98% - 100%	

Table 1

Measurement components and measuring ranges for FTC300HT (High Temperature)

Measurement Component	Carrier Gas	Basic Range	Smallest Range	Smallest Range with suppressed Zero Point	Multi Gas Mode MGM
CO ₂	Ar	0% - 100%	0% - 8%	70% - 100%	Yes
NH ₃	N ₂	0% - 70%	0% - 3%	55% - 70%	Yes
C ₂ H ₄	N ₂	0% - 100%	0% - 10%	60% - 100%	Yes
H ₂ O	N ₂	0% - 20%	0% - 4%	16% - 20%	

Table 2

In addition all measurement and carrier gases given in table 1 are also available